

Mouse Calmodulin Monoclonal Antibody | anti-CALM3 antibody

Calmodulin antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74586	Mouse	Bovine, Chicken, Chlamydomonas, Dictyostellium, Rat	Western Blot, Immunocytochemistry, ELISA

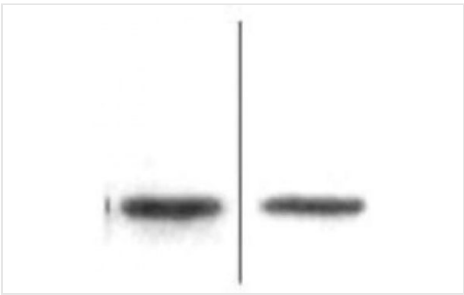
PRODUCT SYNONYMS

Calmodulin; Monoclonal Antibody; Calmodulin antibody; Monoclonal Calmodulin; Anti-Calmodulin; anti-CALM3 antibody

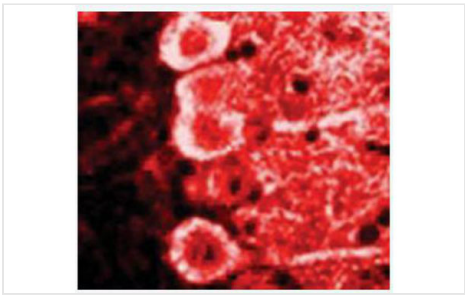
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Bovine, Chicken, Chlamydomonas, Dictyostellium, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2D1
Specificity	Dictyostelium discoideum
Form/Format	PBS-diluted ascites containing 0.05% NaN ₃ .
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	152
Applicable Applications for anti-CALM3 antibody	WB (Western Blot), ICC (Immunocytochemistry), ELISA
Biological Significance	Calmodulin is a small, highly conserved calcium binding protein found in all eukaryotic cells. With the capacity to bind up to four calcium ions, this 17 kDa protein acts as an important intracellular receptor for regulatory calcium signals.
Cross-Reactivity	Bovine, chicken, Chlamydomonas, Dictyostellium, rat
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	Calmodulin antibody was raised in mouse using calmodulin purified from Dictyostelium discoideum as the immunogen.
Preparation and Storage	Aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)



IF (Immunofluorescence)
Shows immunolocalization of Calmodulin in rat brain.

ADDITIONAL INFORMATION

Related Product Information for anti-CALM3 antibody	Mouse monoclonal Calmodulin antibody
Product Categories/Family for anti-CALM3 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	825635
NCBI GeneID	808
UniProt Accession #	P62158; P02593; P70667; P99014; Q13942; Q53S29; Q61379; Q61380; Q96HK3
Molecular Weight	16,838 Da
NCBI Official Full Name	calmodulin
NCBI Official Synonym Full Names	calmodulin 3 (phosphorylase kinase, delta)
NCBI Official Symbol	CALM3
NCBI Official Synonym Symbols	PHKD; PHKD3; HEL-S-72
NCBI Protein Information	calmodulin
UniProt Protein Name	Calmodulin
UniProt Gene Name	CALM1
UniProt Synonym Gene Names	CALM; CAM; CAM1; CaM
UniProt Entry Name	CALM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/calmodulin-antibody-clone-2d1-western-blot-immunocytochemistry-elisa/74586>